

ACC NR: AP6031392

SOURCE CODE: UR/0079/66/036/009/1711/1711

AUTHOR: Bluznyuk, N. K.; Solntseva, L. M.

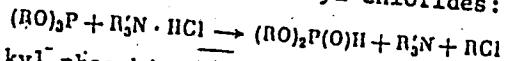
ORG: All-Union Scientific Research Institute of Phytopathology (Vsesoyuznyy nauchno-issledovatel'skiy institut fitopatologii)

TITLE: Reaction of hydrochlorides of tertiary amines with trialkyl phosphites

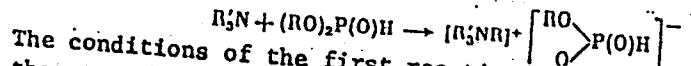
SOURCE: Zhurnal obshchey khimii, v. 36, no. 9, 1966, 1711

TOPIC TAGS: trialkyl phosphite, tertiary amine, hydrochloride, dialkyl phosphate

ABSTRACT: Trialkyl phosphites react with hydrochlorides of amines to form dialkyl phosphites, amines, and alkyl chlorides:



In turn, dialkyl phosphites react with amines to form quaternary ammonium salts:



The conditions of the first reaction are strongly dependent on the structure of the amine and phosphite. Temperatures at which 50% of the trialkyl phosphite reacts in 1-3 hr are given in the table.

UDC: 547.26:118

Card 1/2

ACC NR: AP6031392

Table 1.

Trialkyl-phosphite	Amide hydrochloride			
	C ₅ H ₅ N·HCl x HCl	C ₆ H ₅ N(CH ₃) ₂ x HCl	C ₆ H ₅ N(C ₂ H ₅) ₂ x HCl	(C ₂ H ₅) ₃ N·HCl
(CH ₃ O) ₃ P	10—20°	40—50°	50—60°	100—110°
(C ₂ H ₅ O) ₃ P	30—40	50—60	60—70	110—120

The second reaction proceeds in some cases under mild conditions.

[WA-50; CBE No. 12]

SUB CODE: 07/ SUBM DATE: 21Mar66/

Card 2/2

BLYABLIKOV, N.P.; SHISHANOV, V.L., inzhener.

Automatic regulation of warp tension on ATK-100 looms. Tekst.
prom.14 no.5:22-25 My '54.
(MIRA 7:6)

1. Glavnnyy inzhener kombinata "Sovetskaya zvezda" (for Blyablikov)
(Looms)

BLYABIKOV, N.P.

Direction of the twist in sewing thread. Tekst. prom. 17 no.5:
58-59 My '57. (MLRA 10:6)

1. Glavnnyy inzhener kombinata "Sovetskaya zvezda".
(Thread) (Cotton spinning)

IZYUMOV, V.N.; Prinimali uchastiye: BLYABLINA, V.A., student; STRAKHOVA,
L.L., student; CHAGIN, M.P., student

Use of p-tert-butylbenzoic acid in the synthesis of lacquer
resins. Lakokras.mat.i ikh prom. no.l:3-8 '61. (MIRA 14:4)

1. Yaroslavskiy tekhnologicheskiy institut.
(Resins, Synthetic) (Benzoic acid)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

BLYAKHER, G.G.; ZHUKOV, V.I.

Draw-in chuck holder. Mashinostroitel' no.1:27 Ja '65.
(MIRA 18:3)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

BLYAKER, L.Ya.

"The evolution of living things" and "Lamarck and modern genetics"
by H.G. Cannon. Reviewed by L. IA. Bliakher. Vop. ist. est. i
tekhn. no.13:168-173 '62. (MIRA 16:5)

(Evolution)

(Genetics)

Cannon, H.G.)

26.2190

25169

S/031/60/000/011/001/008
A161/A133

AUTHORS: Grinman, I.G., Dzhasybekova, E. K., Blyakh, G. I., Oshchenskiy, V. M.

TITLE: On the problem of developing radioactivation methods for automatic monitoring of technological processes

PERIODICAL: Akademiya nauk Kazakhskoy SSR, Vestnik, no. 11, 1960, 3 - 12

TEXT: The authors present a general survey on the possible applications of activation for automatic monitoring using data (Ref. 3, 4) (Two publications of the Academy of Sciences of the USSR dating 1954 and 1955) on nuclear reactions of elements that are frequently present in raw materials of the chemical and metallurgical industry. Moreover, they comment on the existing scintillation counters and protection. Two practical application examples are discussed: to determine the concentration of separate elements in the flow, consumption of the elements, and flow speed (Fig. 1), and to measure the two-phase slurry in nonferrous metallurgy and some other processes. The first example (Fig. 1) includes an activator (neutrons source, A) placed on the pipe surface, and two counters (Π_1 and Π_2). The activation time will be proportional to the length l_{Akt} and inversely proportional to the flow speed, while the number of the atoms of the element in which the radioactive isotopes are forming will be proportional to the concentra-

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S/031/60/000/011/001/008
A161/Q133

On the problem of developing radioactivation ...

tion of this element. In the second application example, no elements have been found yet that would yield isotopes with half-lives in fractions of a second, or even in whole seconds. Silicon ^{28}Si and aluminum ^{27}Al have a half-life measured in minutes and require longer neutron irradiation than is possible for activation in pulp moving in a pipeline. The flotation machine chambers at concentration plants are suggested as the place of activation (Fig. 3), with the neutrons source A in the left chamber and measurement of induced radioactivity in the same chamber with the receiver I₁, and in the second chamber with the receiver I₂. Formulas are evolved for calculating the pulp flow in volume, the concentration, and the consumption of the activated matter:

$$\text{volume } Q = \lambda V_2 \frac{s_2 I_2}{s_1 I_1 + s_2 I_2} \quad (4)$$

where λ is the constant of decay determined by $\lambda = \frac{0.693}{T_{1/2}}$ (where $T_{1/2}$ is half-life); V_2 - the pulp volume in the second chamber; s_1 and s_2 constant factors determined by the receiver type, the geometry of the installation and the measuring time; I_1 and I_2 - the radiation intensity measured by the receivers; concentration of solid matter (n_{TB}) in pulp $n_{\text{TB}} = \frac{n}{c} 100$, and consumption of solid matter in pulp $G_{n_{\text{TB}}} = \frac{n}{c} 100 \quad (5)$ (where $n = \frac{s_1 I_1}{K} (Q + V_1) = \frac{s_1 I_1}{K} V_1 + V_2$

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S/031/60/000/011/001/008
A161/A133

On the problem of developing radioactivation ...

$$\frac{s_2 I_2}{s_1 I_1 - s_2 I_2};$$

$$G_n = Q_n \frac{s_1 I_1}{K \lambda} Q (Q + \lambda V_1) = \frac{\lambda V_2}{K} \frac{s_1 s_2 I_1 I_2}{s_1 I_1 - s_2 I_2} \left(V_1 + V_2 \frac{s_2 I_2}{s_1 I_1 - s_2 I_2} \right);$$

$K = fV \frac{A}{6.02 \cdot 10^{23}}$; n - the concentration of activated element; c - the percentage of the activated element in solid matter; f - density of the neutron stream in neutr/cm². sec; σ' - effective cross section area of reaction in cm²; V - the irradiated volume in cm³; $6.02 \cdot 10^{23}$ - the Avogadro's number; A - the atomic weight of the activated element. The pulp flow parameters can be found by measuring I_1 and I_2 , and the formulae (4) and (5), for all other values may be assumed constant and may be determined by calibration on the spot. All calculations may be easily automated for automatic control. It is mentioned that analogous methods may be based on luminescence, magnetization, or other phenomena connected with the relaxation time. There are 3 figures, and 8 Soviet-block references.

Card 3/5

BILYAKH, G.I.; GORELKINSKIY, Yu.V.; GRINMAN, I.G.; SOKOLOVA, A.Ya.;
SHULYAR, B.N.

Automatic titrimeter. Zav.lab. 26 no.12:1426-1429 '60.
(MIRA 13:12)

1. Institut yadernoy fiziki AN KasSSR.
(Titrimeters)

BLYAKH, G.I.; GRINMAN, I.G.; GUSEV, A.Ya.

Automatic control of traces of large fractions in rubber compounding
fillers. Kauch.i rez. 21 no.2:39-40 F '62. (MIRA 15:2)

1. Institut yadernoy fiziki AN Kazakhskoy SSR.
(Rubber)

BLYAKH, G. I., OSHCHENSKOGO, V. M., GRINMANA, I. G., and DZHASYBEKUVOY, E. K.

"Possibilities of Applying Radioactive Method for Automatic Control in Processes of Ore Concentration"

paper presented at the All-Union Seminar on the Application of Radioactive Isotopes in Measurements and Instrument Building, Frunze (Kirgiz SSR), June 1961)

So: Atommaya Energiya, Vol 11, No 5, Nov 61, pp 468-470

GRINMAN

Tsaak Grigor'yevich. Prinimali uchastiye: SAKBAYEV, Zh.M.;
BLYAKH, G.I.; SHAGI-SULTAN, I.Z.; SIRAZUTDINOVA, Zh.A.;
SHTERN, N.S.; YERMAGAMEETOV, S.B.; KOZLOV, G.S. [deceased];
IVANOV, L.G.; OSHCHENSKIY, V.M.; DZHASYBEKOVA, E.K.;
NURGALIYEVA, Kh. PRESNYAKOV, A.A., doktor tekhn. nauk,
otv. red.; ALEKSANDRIYSKIY, V.V., red.

[Automation of numerous metal ore dressing processes]
Avtomatizatsiya protsessov obogashcheniya rud tsvetnykh me-
tallov. Alma-Ata: Izd-vo AN Kaz.SSR, 1964. 213 p.

(MIRA 17:10)

I. Laboratoriya elektroniki i avtomatiki Instituta yadernoy
fiziki AN Kaz.SSR (fo. all except Grinman, Presnyakov,
Aleksandriyskiy).

N/5
876.115
.L8

Posobiye po perevode ekonomicheskikh i vneshnetorgovykh tekstov: Lehrbuch fur Ubersetzer volkswirtschaftlicher Texte (Handbook for the translator of texts used in economics and foreign trade, by) G. S. Lopatin i I. S. Blyakh. Moskva, Vneshtorgizdat, 1955. 231 p.

BLYAKHER, A., mayor tekhnicheskoy sluzhby

Handling of ammunition in mortar units. Voen. vest. 41 no.2:102-
104 F '62. (MIRA 15:3)
(Ammunition)

B C

B-III-1

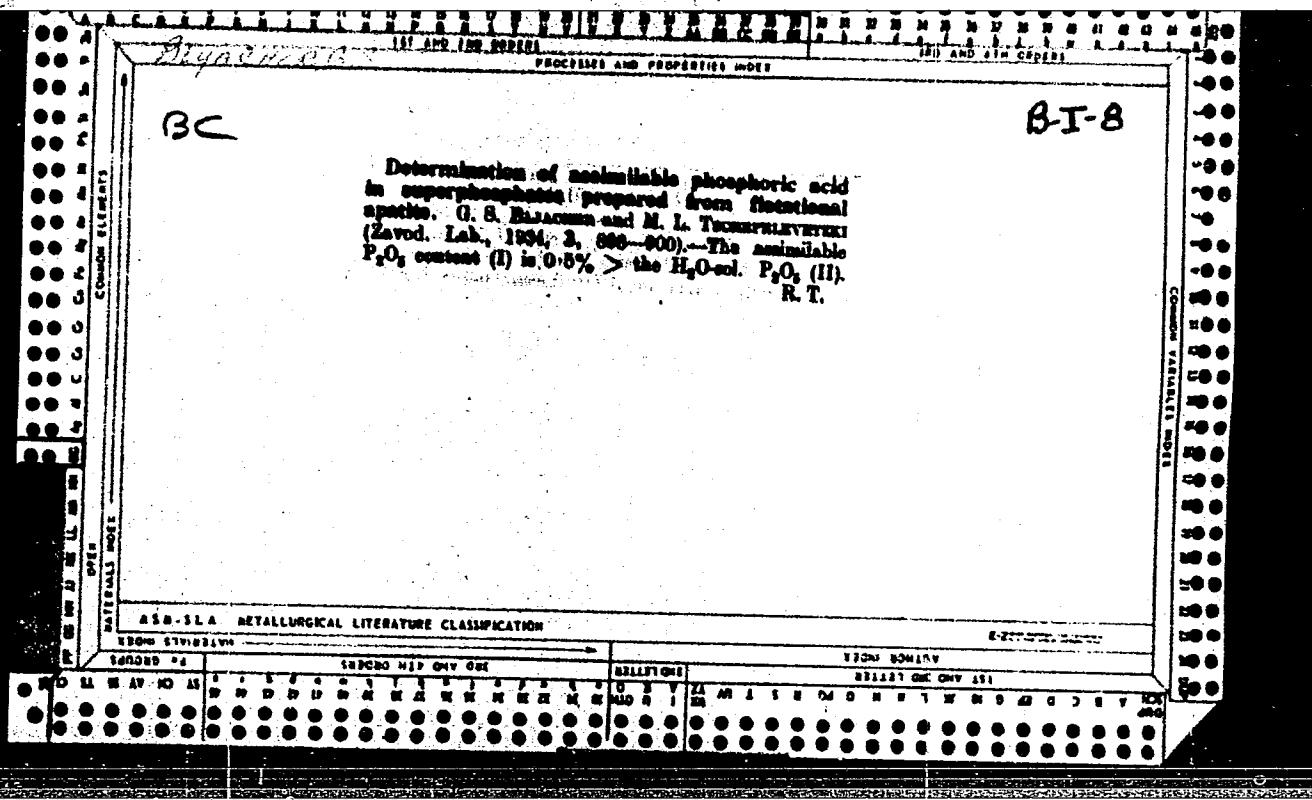
Journal of Soil and Water Conservation, 1958, 13(1), 1-10
 Determination of superphosphate and phosphoric acid in fertilizers.
 G. A. Bokochin and M. I. Tschernovitski (Zavod Lab., 1956, No. 663-667).—The solubility of superphosphate and of $(Ca_3PO_4)_2$ in citrate solutions varied inversely with the pH of the solution, while that of $CaHPO_4$ was independent of the pH. The pH of superphosphate increased inversely with their
 R. T.

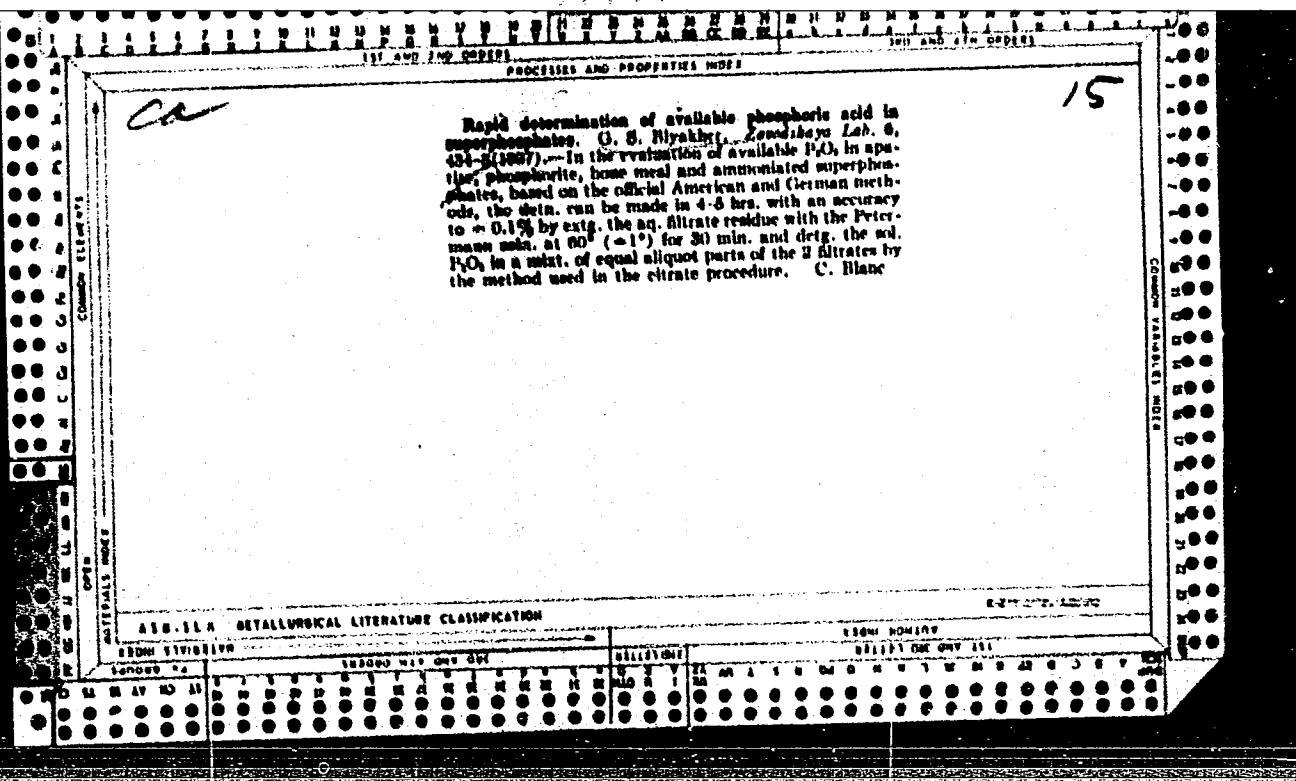
ABD-SEA METALLURGICAL LITERATURE CLASSIFICATION

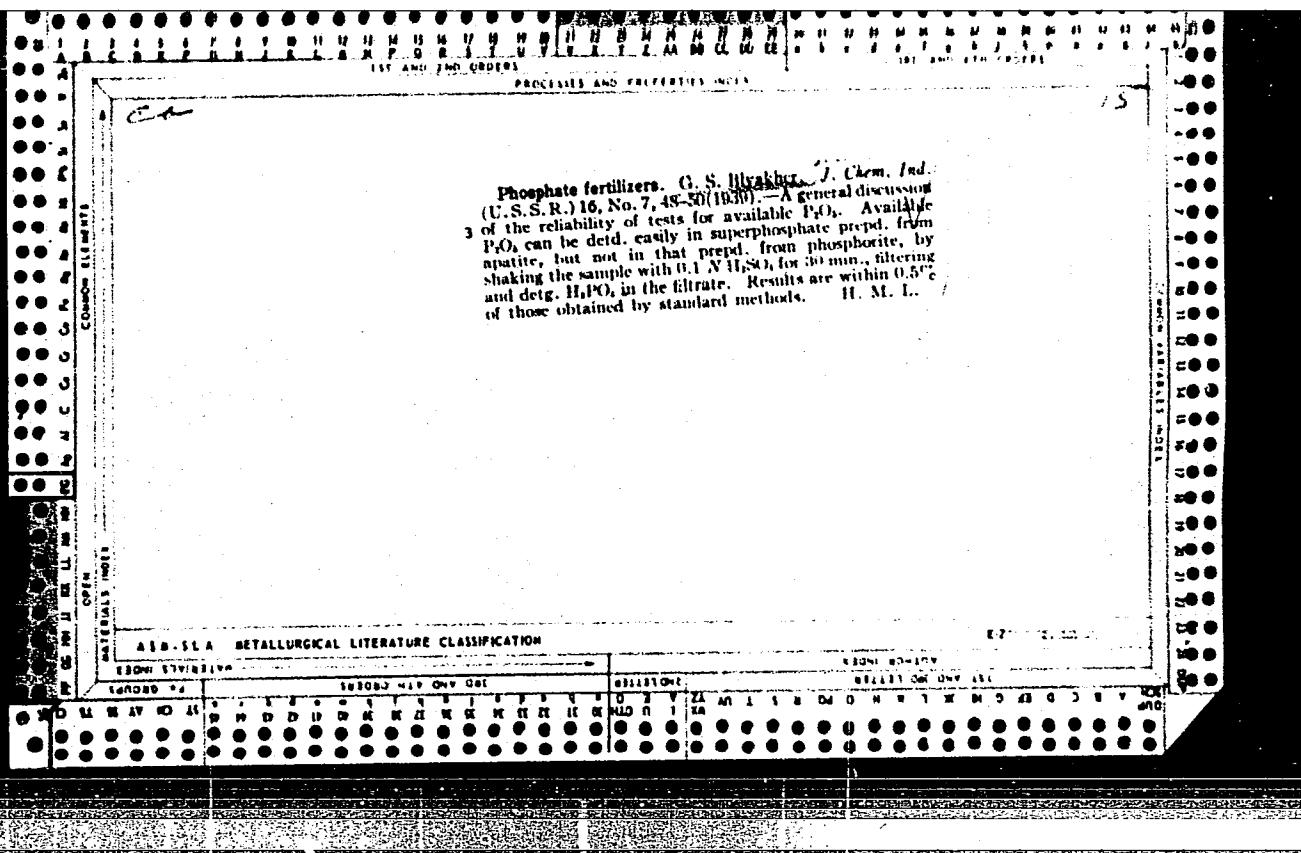
בְּרִית מָשֶׁה

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"







BLYAKHER, G. S.

DESE/Chemistry - Analysis
Chemistry - Statistics

Dec 1947

"The Application of Mathematical Statistics to the
Study of the Results of Chemical Analysis," G. S.
Blyakher, Scientific Research Institute of Fertilizers
and Insecticides, 3 pp

"Zavodskaya Laboratoriya" Vol. XIII, No 12

The use of the described methods of mathematical stat-
ics for the study of results of chemical analysis made
it possible: 1) to represent graphically the result of
experimental and research data of factories, 2) to
show the usefulness of the two methods of chemical
analysis, 3) to show their applicability to conditions

12
USER/Chemistry - Analysis (Contd)

2679

in plant laboratories, 4) to contrast these methods

for comparison of their accuracy, and 5) to show the
quality of work of plant laboratories.

3629

1ST AND 2ND COLUMNS		PROCESSING AND PROPERTIES INDEX										3RD AND 4TH COLUMNS	
REVIEWER'S FILE		BUBBLING ABSORBER WITH INTERNAL COOLER FOR THE MANUFACTURE OF SULFURIC ACID. K. N. Shabalin and I. G. Il'yakhet. Khimicheskaya Prom. 1945, No. 11, 14-16.										18	
CA		An expell. absorber for SO ₃ contained 3 plates, each carrying a bubble cap. The bottom and middle plates were provided with cooling coils for the acid going through the bubble caps. The efficiency coeff. was detd. by the formula: $(C_0 - C_1)/(C_0 - C_2)$, where C_0 is the concn. of the gas entering the plate, C_1 is the concn. of the gas leaving the plate, and C_2 is the concn. of the gas in equil. with the liquid on the plate. The gas was supplied at rates of 0.200-0.400 cu. m. per sec. The temp. of the entering gas was 110-50° and the concn. of SO ₃ in it 5-6%. The temp. of the liquid on the plate was maintained by a cooling coil at 60-65°. At a bubbling depth of 3.2 cm. and a gas-feed rate of 0.200 cu. m. per sec., the absorption coeff. was 0.90 and the loss of pressure across the plate (Δp) was 100 mm. H ₂ O. As the rate of gas feed increased to 0.400 cu. m., per sec., the absorption coeff. was 0.81 and Δp was 115 mm. H ₂ O. At a bubbling depth of 6.5 cm. and a gas-feed rate of 0.200 cu. m. per sec., the absorption coeff. was 0.97 and Δp was 180 mm. H ₂ O. At the same depth and a gas-feed rate of 0.400 cu. m. per sec., the absorption coeff. was 0.90 and Δp was 190 mm. H ₂ O. The coeff. of heat transfer for the cooling coils was $K = Q/F\Delta t = 900-1100 \text{ kg.-cal. per sq. m. hr. } ^\circ\text{C}$, where Q is the quantity of heat absorbed by the H ₂ O circulating in the coils, F is the area of the coils, and Δt is the mean temp. difference between the liquid on the plate and the entering and leaving H ₂ O. The values of K are 4-5 times the values in spray cooler commonly used. An absorber of this type, having a SO ₃ absorption of 99%, is definitely possible.										OPEN	
COMMON SUBJECTS		ASH-SLA METALLURGICAL LITERATURE										SECOND EDITION	
MATERIALS INDEX		1930-1945 MAY ONWARD										X 1946 EDITION	
SECOND EDITION		RELATIONSHIP INDEX										INDEX ONE ONWARD	
SECOND EDITION		A B C D E F G H I J K L M N O P Q R S T U V W X Y Z										1 2 3 4 5 6 7 8 9 0	
SECOND EDITION												240	

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

BLYAKHER, I.G.; LARYUSHKINA, A.G.

Preparation of sodium sulfite and pyrosulfite by a dry method
in fluidized-bed reactors. Zhur.prikl.khim. 35 no.3:503-511
Mr '62. (MIRA 15:4)
(Sodium sulfites) (Sodium pyrosulfite) (Fluidization)

BLYAKHER, I.G.; SOROKINA, N.M.

Manufacture of red oxide by means of thermal decomposition
of pulverized iron sulfate. Lakokras.mat.i ikh prim. no.3:42-44
'62. (MIRA 15:7)
(Iron oxides) (Iron sulfates)

NOVOSELOVA, R.S.; BLYAKHER, I.M.; NOVIKOVA, A.V.

Disorders of cardiac rhythm in fibroelastosis. Gor. zhur. no.12:
86 D '63. (MIRA 17:3)

1. Iz detskoy klinicheskoy bol'nitsy No.2 imeni I.V.Rusakova.

NOVOSELOVA, R.S.; ELYAKHER, I.M.; NOVIKOVA, A.V.

Disorders of cardiac rhythm in fibroelastosis. Vop. okhr.
materin. dets. 8 no.1: 86 '63 (MIRA 17:2)

1. Iz detskoy klinicheskoy bol'nitsy No.2 imeni I.V.Rusakova.

BLYAKHER, L.

In memory of S.L.Sobol'. Biul. MOIP. Otd. biol. 66 no.2:158-159
Mr-Ap '61. (MIRA 14:6)
(SOBOL', SAMUIL L'VOVICH, 1893-1960)

KIRILLOV, A.G., inzh.; ELYAKHER, L.A., inzh.

Mechanized mining shield having 2.56m in diameter. Shakht.stroi.
4 no.2:21-23 F '60. (MIRA 13:5)

1. Institut Mosinzhproyekt.
(Mining engineering--Equipment and supplies)

KIRILLOV, A.G.; BLYAKHER, L.A.

Mechanized tunneling using light-gauge heading machines. Gor.
khoz.Mosk. 34 no.2:28-32 F '60. (MIRA 13:6)

1. Institut "Mosinzhproyekt."
(Moscow—Tunneling—Equipment and supplies)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

BLYAKHER, L. Ya.; VORONISOVA, M. A.; IRIKHIMOVICH, A. I.; LIOZNER, L. D.

"The Influence of the Regeneration Process in One Section of the Organism
on the Rate of Regeneration in Another," Tr. N.-issl. in-ta eksperim. morfogeneza
(Transactions of Research Institute of Experimental Morphogenesis), 1, 101, 1934.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

BLYAKHER, PROF.

"The activation proteolysis in regeneration and malignant growth. On the activation of tissue proteases by boiled extracts of tissues of regenerating organs of amphibians." Chair of General Biology, Gorki State Medical Institute (Chief Prof Semeno) and the Dept. of the Mechanics of Postembryonic Growth (Chief Prof. Blyakher), Institute of Experimental Morphogenesis (Dir: Prof. Belkin), Moscow. (p. 927) by Mergasova, E. F.

SO: Biological Journal (Biologicheskii Zhurnal), Vol. V, 1936, No. 5

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

BLIAKHER, L. Ya.

"On the Relation Between Growing and Differentiation in the Process of Regeneration"
(p. 190) by Bliakher, L. Ya.

SO: Journal of General Biology (Zhurnal Obschchey Biologii) Vol. III, No. 3, 1942

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

PA 18/49T28

USSR/Medicine - Biology

Medicine - Heredity, Mechanism

Nov 48

Leading Article, 5 pp

"Khirurgiya" No 11

Editor praises Michurin's contributions to biology. Denounces "reactionary Mendelism" in following works: "A Course in General Biology Including Zoology and Parasitology" by L. Ya. Blyukher, "Evolutionary and Genetic Problems in Neurophysiology" by S. N. Davidenko, and "Malignant Tumors" edited by N. N. Petrov. Stalin Prizes for 1947 were awarded to Prof A. A. L'vberg for research in plastic surgery, results

USSR/Medicine - Biology (Contd)

Nov 48

of which appear in monograph "Mathematical Bases of Local Plastics on the Surface of the Human Body," and to Prof S. S. Yudin for devising new surgical methods for dealing with obstruction of the esophagus.

18/49T28

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

BLYAKHER, L.Ya.; DOBROKHOTOV, V.N.

Zonal and focal distribution of mitosis in mouse adenocarcinoma.
Doklady Akad. nauk SSSR 78 no.3:581-584 21 May 1951. (CLML 20:9)

1. Institute of Experimental Biology of the Academy of Medical
Sciences USSR. 2. Presented by Academician A.I. Abrikosov 22 March
1951.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

BLYAKHER, L.Ya.; SHMIDT, G.A., redaktor; LIOZNER, L.D., redaktor;
SHEVCHENKO, G.N., tekhnicheskij redaktor.

[History of embryology in Russia; from the middle of the
18th century to the middle of the 19th century] Istorija
embriologii v Rossii; s serediny XVII do serediny XIX veka.
Moskva, Izd-vo Akademii nauk SSSR, 1955. 373 p. (MLRA 8:12)
(EMBRYOLOGY)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

BLYAKHER, L.; ZALKIND, S.

Aleksandr Gavrilovich Gurvich. Biul.MOIP. Otd.biol.60 no.4:103
Jl-Ag'55. (GURVICH, ALEXANDR GAVRILOVICH 1874-1954) (MIRA 8:12)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

USSR/ Scientists - Book

Card 1/1 Pub. 124 - 38/39

Authors : Plate, A. F., Dr. of Chem. Sc., and Blyakher, L. Ya., Dr. of Biol. Sc.

Title : Critique and bibliography

Periodical : Vest. AN SSSR 26/2, 148-153, Feb 1956

Abstract : Critical review is presented on a book by S. S. Nametkin, Academician Petrologist dealing in "Chemistry of Petroleum and Terpenes." A collection of reports, and the book by the French botanist-embriologist R. Sueze are also given (1934).

Institution :

Submitted :

BLYAKHER, L.Ia.

"A. I. Babukhin, the founder of the Moscow school of histologists
and bacteriologists" by A. I. Metelkin, I. A. Alov, IA. E. Khesin.
Reviewed by L. Ia. Blyakher. Vop. ist. est. i tekhn. no. 3:231-234
'57. (MIRA 11:1)

(Babukhin, Aleksandr Ivanovich, 1835-1891)
(Metelkin, A. I.) (Alov, I. A.) (Khesin, IA. E.)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

BLYAKHER, L.Ya.
BLYAKHER, L.Ya.

"Russian embryology in the second part of the 19th century"
by L.L. Gel'fenbein. Reviewed by L.IA. Blyakher. Vop. ist. est.
i tekhn. no.4:197-200 '57. (MIRA 11:1)
(Embryology--History)
(Gel'fenbein, L.L.)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

BLYAKHER, L.Ya.

Development of basic problems and research methods in invertebrate
embryology during the last hundred years. Trudy Inst. ist. est. i
tekhn. 14:3-64 '57. (MIRA 11:4)

(EMBRYOLOGY--INVERTEBRATES)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

BLYAKHER, L.Ya.

~~BLYAKHER, L.Ya.~~; DETIAP. T.A.; KABAK, Ya.M.; KRUSHINSKIY, L.V.;
AUDRIASHOV, B.A.

Mikhail Mikhailovich Zavadovskii, obituary. Biul. MOIP. Otd. biol.
62 no.4:105-109 Jl-Ag '57. (MIRA 10:11)
(ZAVADOVSKII, MIKHAIL MIKHAILOVICH, 1891-1957)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

SI YAKHTA, L. Ya.

SECHERBAKOVA, A.A., kand. biol. nauk, otvetstvennyy red.; TSITSIN, N.V., akademik, red.; SUKACHEV, V.N., akademik, red.; BAZILEVSKAYA, N.A., prof., red.; MEYER, K.I., prof., red.; BLYAKHER, L.Ya., prof., red.; ANTONYUK, L.D., red. izd-va; MARKOVICH, S.G., tekhn. red.

[Carl Linnaeus; a collection of articles] Karl Linnei; sbornik statei. Moskva, 1958. 257 p. (MIRA 11:9)

1. Akademiya nauk SSSR. Institut istorii iestestvoznaniya i tekhniki.

(Linne, Carl von, 1707-1778)

BLYAKHER, L.Ya.

"Recollections of the development of my mind and character
(autobiography)"; a diary of work and life by Charles Darwin.
Reviewed by L.IA. Bliakher. Biul.MOIP.Otd.biol. 63 no.6:135-137
N-D '58 (MIRA 12:1)
(DARWIN, CHARLES ROBERT, 1809-1882)

BLYAKHER, Leonid Yakovlevich; SHMIDT, G.A., otv.red.; LIOZNER, L.D.,
red.izd-va; ENDEL'MAN, G.N., red.izd-va; NOVICHKOVA, N.D.,
tekhn.red.

[History of embryology in Russia during the second half of
the 19th century and the first half of the 20th century;
invertebrates] Iстория эмбриологии в России с середины XIX
до середины XX века; беспозвоночные. Москва, Изд-во Акад.наук
СССР, 1959. 625 p.

(EMBRYOLOGY--INVERTEBRATES)

(MIRA 12:12)

SOBOL', S.L., prof., doktor biolog.nauk, otv.red.; BARANOV, P.A., red.; ZENKEVICH, L.A., red.; BLYAKHER, L.Ya., prof., doktor biolog. nauk, red.; ENDEL'MAN, G.N., red.; SMIRNOV, Z.K., tekhn.red.

[Annals of biology] Annaly biologii. Moskva. Vol.1. 1959.
409 p. (MIRA 13:4)

1. Moskovskoye obshchestvo ispytateley prirody. Sektsiya istorii yestestvoznaniya. 2. Chleny-korrespondenty AN SSSR (for Baranov, Zenkevich). 3. Institut istorii yestestvoznaniya i tekhniki AN SSSR, Moskva (for Sobol', Blyakher).

(EVOLUTION)

RAYKOV, Boris Yevgen'yevich; POLYANSKIY, Yu.I., prof., retsenzent;
KANAYEV, I.I., prof., retsenzent; BLYAKHME, L.Ya., prof.,
doktor biolog.nauk, otv.red.; VITOVSKIY, S.D., red.izd-va;
ARONS, R.A., tekhn.red.

[Russian pre-Darwinian biologists - evolutionists; materials
on the history of the theory of evolution in Russia] Ruskie
biologi - evoliutsionisty do Darvina; materialy k istorii
evoliutsionnoi idei v Rossii. Moskva, Izd-vo Akad.nauk SSSR.
Vol.4. 1959. 678 p.

(Biologists, Russian) (Evolution) (MIRA 12:10)

30(2)

SOV/25-59-2-20/48

AUTHOR: Blyakher, L.Ya., Professor

TITLE: Charles Darwin (Charlz Darwin)

PERIODICAL: Nauka i zhizn', 1959, Nr 2, p 55-57 (USSR)

ABSTRACT: On the occasion of the 150th anniversary of the birth of Charles Darwin, the author gives a brief survey of Darwin's forerunners and sets forth the essential points of Darwinism, underlining its influence on Russian and Soviet thought. The publishing house of the AS of USSR will shortly complete a 9 volume edition of Darwin's selected works, the most comprehensive selection ever published in any country. There are 3 drawings.

Card 1/1

BLYAKHER, L.Ya.

Charles Darwin and the Kovalevskii brothers. Vop.ist.est.i
(MIRA 13:5)
tekh. no.8:66-73 '59.
(Kovalevskii brothers) (Darwin, Charles Robert, 1809-1882)

BLYAKHER, L.Ya.

Scientific relations of A.O.Kovalevskii and I.I.Mechnikov with
foreign zoologists and embryologists. Trudy Inst.ist.est.i tekhn.
23:93-143 '59. (MIRA 12:10)

(Kovalevskii, Aleksandr Omurkovich 1840-1901)

(Mechnikov, Il'ia Il'ich, 1845-1946)

(Marion, Antoine Fortune, 1846-1900)

(Kleinenberg, Nicolai)

BLYAKHER, L.Ya.

On the 200th anniversary of the publication of K.F. Vol'f
"Theoria generationis." Vop.ist.est.i tekhn. no.10:114-117 '60.
(MIRA 14:3)

(Morphology) (Vol'f, K.F.)

BLYAKHER, L.Ya., doktor biologicheskikh nauk

From letters from M.M. Usov to A.O. Kovalevskii. Trudy Inst.ist.
i tekhn. 31:279-303 '60. (MIRA 13:8)
(Usov, Mikhail Nikolaevich, 1845-1902)
(Kovalevskii, Aleksandr Onufrievich, 1840-1901)

BILYAKHER, L.Ya.

Origin of cells in ontogeny; studies on the history of morphology.
Trudy Inst.ist.est.i tekhn. 32:3-57 '60. (MIRA 13:10)
(Cells)

BLYAKHER, L.Ya.

"General zoology" by Heinz Geiler. Reviewed by L.IA.Bliakher.
Zool. zhur. 39 no. 10:1584-1585 0 '60. (MIRA 13:11)
(Zoology) (Geiler, Heinz)

BLYAKHER, L.Ya.

So-called idealistic morphology and its place in the history of
morphological sciences; sketches on the history of morphology.
Trudy Inst. ist. est. i tekhn. 36:3-52 '61. (MIRA 14:9)
(MORPHOLOGY) (BIOLOGY--PHILOSOPHY)

BLYAKHER, L.Ya.

"History of zoology and zoological institutions in Jena during
1779-1919" [in German] by Georg Uschmann. Reviewed by L.I. ~~Blyakher~~.
Zool. zhur. 40 no.10:1588-1590 O '61. (MIRA 14:9)
(Jena--Zoological research)

BLYAKHER, Leonid Yakovlevich; OSIPOVA, L.S., red. izd-va; GUS'KOVA,
O.M., tekhn. red.

[Outline of the history of animal morphology] Ocherk istorii
morfologii zhivotnykh. Moskva, Izd-vo Akad. nauk SSSR, 1962.
262 p. (MIRA 15:9)
(Morphology (Animals))

MIKULINSKIY, S.R., otv. red.; BILYAKHER, I.Ya., red.; GORDEYEV, D.I.,
red.; ZUBOV, V.P., red.; FEDOSEYEV, I.A., red.; PERMYAKOVA, A.I.,
red. izd-va; CHERKASOVA, V.I., red. izd-va; NOVICHKOVA, N.D.,
tekhn. red.

[History of the natural sciences in Russia in three volumes]
Istoriia estestvoznaniiia v Rossii v trekh tomakh. Moskva, Izd-
vo Akad. nauk SSSR. Vol.3. [Geology, geography, and biology]
Geologo-geograficheskie i biologicheskie nauki. Pod red.
L.IA.Bilashera i dr. 1962. 603 p. (MIRA 15:5)

1. Akademiya nauk SSSR. Institut istorii yestestvoznaniya i
tekhniki.

(Geology—History) (Geography—History)
(Biology—History)

BLYAKHER, L.Ya.

M.V.Lomonosov and the crisis of metaphysics in descriptive natural science of the middle of the 18th century. Vop.ist.est.i tekhn.
no.12:132-141 '62. (MIRA 15:4)
(Lomonosov, Mikhail Vasil'evich, 1711-1765) (Evolution)

ELYAKHER, L.Ya.

Samuil L'vovich Sobol'. Trudy Inst.ist.est.i tekh. 40:13-16 '62.
(MIRA 15:9)
(Sobol', Samuil L'vovich, 1893-1969)

BLYAKHER, L.Ya.

Correlation between the form and the function; studies on the history of morphology. No. 4. Trudy Inst.ist.est.i tekhn. 40:118-156
'62.

(Morphology)

(MIRA 15:9)

BLYAKHER, Leonid Yakovlevich; TIKHOMIROVA, L.G., red.; GUSEVA,
A.P., tekhn. red.

Konstantin Nikolaevich Davydov. Moskva, Izd-vo AN SSSR,
1963. 243 p. (MIRA 16:12)
(Davydov, Konstantin Nikolaevich, 1877-1960)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

SKATKIN, Petr Nikolayevich; BLYAKHER, L.Ya., otv. red.

[Il'ia Ivanovich Ivanov; an outstanding biologist] Il'ia
Ivanovich Ivanov - vydaiushchiisia biolog. Moskva, Izd-vo
"Nauka," 1964. 185 p.
(MIRA 17:7)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

BLYAKHER, L.Ya., otv. red.; NIKITINSKAYA, I.V., red.

[The idea of development in biology] Ideia razvitiia v
biologii. Moskva, Nauka, 1965. 201 p. (MIRA 18:3)

l. Akademiya nauk SSSR. Institut istorii yestestvoznaniya
i tekhniki.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

BLYAKHER, L.Ya., prof. (Moskva)

Biology at the congress of science historians. Priroda 55
no.1:115-117 Ja '66. (MIRA 19:1)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

KUZNETSOV, I.V., red.; Prinimali uchastiye: BLYAKHER, L.Ya., prof.,
red.; STRASHUN, I.D., prorf., red.; SHVARTSMAN, A.I.,
red.; BALASHEV, L.L., prof., red.; SKATKIN, P.N., kand.
biol. nauk, red.; MIKULINSKIY, S.R., kand. biol. nauk,
red.; KUZNETSOVA -YERMOLOVA, Ye.B., red.; KRYUCHKOVA, V.N.,
tekhn. red.

[People of Russian science; sketches of outstanding figures
in the natural sciences and technology: Biology, medicine,
agricultural sciences] Liudi russkoj nauki; ocherki o vy-
daiushchikhsia deiateliakh estestvoznanija i tekhniki:
Biologija, meditsina, sel'skokhoziaistvennye nauki. Mo-
skva, Fizmatgiz, 1963. 895 p. (MIRA 17:1)

1. Deystvitel'nyy chlen AMN SSSR (for Strashun).

BDI AKHER, S. I.

Liubitel'skaia priemno-peredaiushchaia radiostansiia na metrovых волнах.
Amateur radio receiving and transmitting stations on meter wavelength. /;.
Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1950. 59p. diagrs.
(V pomoshch radiolibiteliu).

Bibliography: p. [61].

DLC: TK9956.B6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference department, Washington, 1951, Unclassified.

VORONTSOVA, M.A.; BLYAKHER, S.L. pri uchastii N.P. Bochkova.

Mechanism of nervous system regulation of the cell division rate.
Biul. ekspl. biol. i med. 38 no.10:65-69 O '54. (MIRA 8:1)

1. Iz Instituta eksperimental'noy biologii (dir. prof. I.N.Mayskiy)
i Instituta farmakologii, eksperimental'noy khimioterapii i
khimioprofilaktiki (dir. prof. P.G.Snyakin) AMN SSSR, Moskva.

(CELL DIVISION,

regulation by nervous system)

(NERVOUS SYSTEM, physiology,

regulation of cell division)

USSR/General Biology. Cytology

B

Abs Jour Ref Zhur-Biol., No 13, 1958, 57075

Author : Blyakher S. L., Vorontsova M. A., Maytsina O. S.
Inst : Not given
Title : On the Role of the Nervous System in the Re-
gulation of the Mitotic Reproduction of Cells
(Author's report read 27 of May 1955).

Orig ub : Byul. Vosk. o-va ispyt. prirody. Otd. biol.,
1957, 62, 110

Abstract : Cutting the two vagi nerves of rats causes
within 30 minutes a diminution of the number of
mitoses (NM) in the crypts of the upper section
of the small intestine (the average number of
mitoses in a single crypt is 4.5 ± 0.2 against 6.0 ± 0.2 in control). The irritation of the
peripheral terminals of the cut vagi nerves by

Card 1/2

BLYAKHER, S.L.

KURLOVA, L. M., BLYAKHER, S.L.

Properties of cold receptors in the skin [with summary in English].
Biul.eksp.biol.i med. 45 no.4:13-17 Ap '58 (MIRA 11:5)

1. Iz laboratorii fiziologii i patologii organov chuvstv (zav. - prof. P.G. Snyakin) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR V.N. Chernigovskiy), AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.N. Chernigovskim.

(SKIN, physiology

cold receptors, properties (Rus))

(NERVE ENDINGS, physiology

cold receptors in skin, properties (Rus))

BLYAKER, S. L.

Utilization of mice treated with cortisone in experimental studies of
Pasteurella pestis with lowered virulence. Zhur.mikrobiol,epid. i
immun. 29 no.7:65-72 Jl '58
(MIRA 11:8)

1. Is Gosudarstvennogo kontrol'nogo instituta vaktsin i syvorotok
imeni Tarasevicha.

(PLAQUE, experimental,

eff. of cortisone on resist. of mice to low virulence
Pasteurella pestis (Rus))

(CORTISONE, effects,

on resist. of mice to low virulence Pasteurella pestis
(Rus))

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

BLYAKHER, S.L.; KHARLOVA, G.V.

Regeneration of the spleen following experimentally induced
necrosis. Biul. MOIP. Otd. biol. 65:152-153 My-Je '60.

(MIRA 13:7)

(SPLEEN)

(REGENERATION (BIOLOGY))

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

BLYAKHER, S.L.

Effect of cortisone on acquired postvaccinal immunity. Zhur. mikrobiol. epid. immun. 31 no.3:109-114 Mr '60. (MIRA 14:6)

1. Iz Gosudarstvennogo kontrol'nogo instituta meditsinskikh i biologicheskikh preparatov imeni Tarasevicha i Moskovskogo instituta epidemiologii, mikrobiologii i gigiyeny.
(CORTISONE) (IMMUNITY)

BLYAKHER, S.L.; KHARLOVA, G.V.

Spleen regeneration after changes caused by live antiplague vaccine.
Biul. eksp. biol. i med. 52 no.8:105-110 Ag '61. (MIRA 15:1)

1. Iz laboratorii immunologii (zav. - prof. M.P:Pakrovskaya)
Moskovskogo instituta mikrobiologii, epidemiologii i gigiyeny
i laboratorii rosta i razvitiya (zav. - prof. L.D.Liozner)
Instituta eksperimental'noy biologii AMN SSSR, Moskva. Predstavlena
deystvitel'nym chlenom AMN SSSR I.A.Krayevskim.
(SPLEEN) (REGENERATION (BIOLOGY)) (VACCINES)

BLYAKHER, V.
USSR/Banking 4908.0100
Bibliography

Sep 1947

"Review of L. Valler's Book, 'Savings Banks in the USSR', V. Blyakher,
A. Davidson, 2 pp

"Sov Finansy" Vol VIII, No 9

Textbook critically reviewed for not accenting national economic significance of savings banks in USSR. Author called to task for not showing that savings in USSR are made possible by more abundant life and not as result of doing without necessities to save, as is the case in capitalistic countries. Book considered a good coverage of subject matter otherwise.

LC

15G79

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

BLYAKHER, Ye. I.

PATLAKH, A.L., inzhener; BLYAKHER, Ye.I., inzhener.

Device for stitching piping of leather-like fabric to upper parts.
Leg.prom. 17 no. 4:48-49 Ap '57. (MLRA 10:4)
(Shoe machinery--Attachments)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

BLYAKHEROV, V.F. (Dneprodzerzhinsk); POPOVICH, N.A., kand.tekhn.nauk
(Khar'kov)

Recommendations that were not thought through. Osn., fund.i mekh.
grun. 3 no.6:26-27 '61. (MIRA 15:4)
(Foundations)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

1. BLYAKHEROVA, R. M.
2. USSR (600)
4. Seed Industry
7. Improving quality in crop testing. Sel. i sem. 20, No. 5, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

USSR / Cultivated Plants, General.

M-1

Abs Jour: Ref Zhur-Biol., 1958, No 16, 72845.

Author : Blyakherova, R. M.

Inst : Not given.

Title : On an Arrangement of Variety Renewal in Seeds of
Grain and Oil-Bearing Crops in Sovkhozes and Kolk-
hozes.

Orig Pub: Seleksiya i semenovodstvo, 1957, No 4, 77-80.

Abstract: A new arrangement is reported which was introduced
in 1957 for variety renewal in wheat, rye, buck-
wheat, millet, rice, corn and other crops and con-
firmed by the Moscow Agricultural and All-Union
Academy of Agricultural Sciences Imeni V. I. Lenin.

Card 1/1

3

BLYAKHEROVA, Raisa Moiseyevna; LOBANOV, Vasiliy Yakovlevich; KATSEL'SON,
S.M., red.; BERLOV, A.P., tekhn. red.

[Seed grain production] Semenovodstvo zernovykh kul'tur. Moskva,
Izd-vo "Znanie," 1958. 31 p. (Vsesciuze obshchestvo po ras-
prostraneniiu politicheskikh i nauchnykh znanii. Ser.5, no.21).
(Grain) (MIRA 11:8)

BILYAKHEROVA, R.M., agronom

New marketing and delivery conditions for certified seeds of
grain and oilseed plants and hybrid corn. Zemledelie 6 no.10:
91-95 O '58. (MIRA 11:11)
(Seed industry)

BLYAKHEROVA, R.M.

Varieties of strong wheats, malting barley, and other valuable grain crops. Zemledelie 7 no.9:95 S '59. (MIRA 12:11)

1. Glavnnyy agronom po semenovodstvu Ministerstva sel'skogo khozyaystva SSSR.

(Grain—Varieties)

TRUTSKOVA, Mariya Georgiyevna; BLYAKHEROVA, Raisa Moiseyevna

[Production of grain crop seeds] Semenovodstvo zernovykh kul'tur
Moskva, Izd-vo sel'khoz.lit-ry, zhurnalov i plakatov, 1961.
310 p.

(MIRA 15:10)

(Grain) (Seed production)

BLYAKHEROVA, R.M.

Sealed book for keeping records on seeds. Zemledelie 23 no. 5:19-
21 My '61.
(MIRA 14:4)

1. Glavnnyy agronom po semenovodstvu Ministerstva sel'skogo khozyaystva
SSSR.

(Grain)

(Agriculture—Accounting)

PLYAKHEROVA, R.M.

Seminar on the problems of breeding. Zemledelie 24
no.10:88-90 0 '62. (MIRA 15:11)
(Grain breeding—Congresses)

BLYAKHEROVA, R.M.; PISARENKO, G.S.; SIDORENKO, M.S.; PRUTSKOVA, M.G.; SAMSONOV, M.M.; KRAVTSOVA, B.Ye.; LYUBARSKIY, L.N.; SUDNOV, P.Ye.; PAYKIN, D.M.; KRYLATOVA, S.A., red.

[Recommendations for the production of strong and durum wheat] Rekomendatsii po proizvodstvu zerna sil'nykh i tverdykh pshenits. Moskva, Izd-vo "Kolos," 1964. 63 p.

(MIRA 17:6)

1. Russia (1923- U.S.S.R.) Ministerstvo sel'skogo khozyaystva. Upravleniye nauki, propagandy i vnedreniya peredovogo opyta.
2. Ministerstvo sel'skogo khozyaystva SSSR (for Blyakherova. Pisarenko, Sidorenko).
3. Gosudarstvennaya komissiya po sorto-ispytaniyu sel'skokhozyaystvennykh kul'tur pri Ministerstve sel'skogo khozyaystva SSSR (for Prutskova, Samsonov).
4. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov yego pererabotki (for Kravtsova, Lyubarskiy, Sudnov).
5. Vsesoyuznyy institut zashchity rasteniy (for Paykin).

2

Determination of silicon dioxide in dusts of inles of non-
ferrous metals. S. Ya. Palberg and A. A. Blyakhman.
Analit. Rud Tsvetnykh Metal. i Prilozhenii k Peterobol'skii
Analit. Ruk. Tsvetnykh Metal. i Prilozhenii k Peterobol'skii
1956, No. 12, 111-18.—Improved procedures are given for
the routine pyrophosphate method to det. the free SiO_2 in
mine dusts. Treat a portion of the sample, 1st with pyro-
phosphoric acid and then with HNO_3 (HNO_3 dissolves all
fused phosphates and pyrophosphates of metals). The
method gives satisfactory results for dusts contg. SiO_2 from
9 to 30%. The variation of errors are between 0.5 and 2%.
Dusts contg. high amts. of Pb, or other metals forming
alloys with Pb, should be treated with HNO_3 . N. C.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"

Analysis of the Slags of Copper- and Lead Meltings.

32-5-2741

precipitation of potassium oxalate in the presence of iron and other metal components with pH = 3,7. As an indicator bromine phenol or methyl orange should be used. The analysis of Al₂O₃, MgO, SiO₂ and CaO is described on the basis of 3 drawings and 4 tables.

ASSOCIATION: Not given
PRESENTED BY:
SUBMITTED:
AVAILABLE: Library of Congress

Card 2/2

Blyakhman, A.A.

SOV/137-58-8-18158

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 279 (USSR)

AUTHORS: Faynberg, S. Yu., Blyakhman, A.A., Stankova, S. M.

TITLE: Analysis of the Dusts of the Lead, Copper, and Zinc Industries
(Analiz pyley svintsovogo, mednogo i tsinkovogo proizvodstva)

PERIODICAL: Sb. nauchn. tr. Gos. n.-i. in-t tsvetn. met., 1958, Nr 14,
pp 29-50

ABSTRACT: The analysis of dusts is begun with the determination of As and Sb, after which Sn, Se, Te, and Mo are determined. At an Sb contents of < 0.5% the colorimetric method is used with the violet crystalline [filter (?); Transl. Ed. Note], or the iodide method after precipitation of Sb on copper foil. When the Sb contents is > 0.5%, the volumetric bromatometric method is used. In determining Sn, the As is first distilled off in the form of the trichloride, Sb is precipitated with H₂S, then Sn is precipitated together with Fe hydroxide by ammonium. The residue is fused in an iron crucible with a mixture of Na₂O₂ and NaOH, and the determination of Sn is completed by the iodometric method. Se is separated from Te, Au, and other elements by distillation in the form of tetrabromide which is

Card 1/2

SOV/137-58-8-18158

Analysis of the Dusts of the Lead, Copper, and Zinc Industries

collected in water where it is decomposed with the formation of selenious and hydrobromic acids. The amount of Se in the distillate is determined iodometrically. Te is reduced with SnCl_2 in the solution remaining in the distillation flask after the distillation of Se. The determination of Te is completed iodometrically. The determination of Mo is carried out colorimetrically with NH_4SCN and thiourea in the presence of ≥ 10 mg of Cu, if there is up to 1 mg of Se and up to 0.25 mg of Te. Otherwise Mo is separated from Se and Te by sulfur dioxide or by sintering with a mixture of Na_2CO_3 and ZnO . Ni is determined colorimetrically upon preliminary concentration by precipitation with solid dimethylglyoxime (I). The test sample is decomposed by acids with the addition of an alkaline-metal fluoride, the solution is evaporated with H_2SO_4 and after dilution the insoluble residue and the Pb sulfate are filtered off. The mineral acid is neutralized and Ni is precipitated from the acetic-acid medium with solid I. After prolonged settling the precipitate is filtered off, the I is decomposed with HCl and H_2SO_4 , and in the resulting solution the Ni is determined photocolorimetrically. C is determined by burning in a current of O_2 .

1. Particles (Airborne)—Colorimetric analysis
2. Metals—Determination

K. K.

Card 2/2

BLYAKHMAN, A. A.

AUTHORS:

Faynberg, S.Yu., Blyakhman, A.A., Filatova, L.N.

32-1-5/55

TITLE:

A Rapid Method of Determining Copper, Lead, and Zinc in Polymetallic Ores and Their Concentrates (Skoryy metod opredeleniya medi, svintsa i tsinka v polimetallicheskikh rudakh i produktakh ikh obogashcheniya).

PERIODICAL:

Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 1, pp. 18-20 (USSR)

ABSTRACT:

The method recommended here consists in determining copper by means of iodine fluoride and following complexometric titration, first with respect to lead, and later with respect to zinc. Before the lead titration iron, copper, zinc, and cadmium must be converted into the complex cyanides. By means of formalin it is possible, in the first line, to destroy the complex cyanides of zinc and cadmium. This property makes it possible to titrate lead in the presence of cyanide zinc with trilon, and, after the addition of formalin from the same solution, to titrate zinc with the same trilon. For the purpose of masking calcium, magnesium, and aluminum, ammonium fluoride is used. The authors further express their regret that the indicators for the complexometric determination of the aluminum content, which are mentioned in publications,

Card 1/2

A Rapid Method of Determining Copper, Lead, and Zinc
in Polymetallic Ores and Their Concentrates

32-1-5/55

"are nowhere to be found". If they were available, it would be possible to find out whether they are suited also for zinc-titration. With respect to the content of manganese it is said that it cannot be masked either with fluoride or with calcium cyanide; it can be titrated solely together with lead, and therefore a separate determination of the manganese content by this method is impossible. The paper gives tables of results and the process of analysis is described. There are 2 tables and 6 references, 1 of which is Slavic.

ASSOCIATION: State Scientific Research Institute for Nonferrous Metals
(Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh metallocv).

AVAILABLE: Library of Congress
Card 2/2

1. Copper-Determination 2. Lead-Determination
3. Zinc-Determination

GUR'YEV, S.D.; BLYAKHMAN, A.A.; LUTCHENKO, N.N.

Colorimetric determination of selenium by its reaction with
3,3'-diaminobenzidine. Sbor. nauch. trud. Gintsvertmeta no.19:
661-668 '62.
(MIRA 16:7)

(Selenium) (Colorimetry)

L 03029-67 EWT(m)/EWP(t)/ETI IJP(c) JD
ACC NR: AP6019016 (N) SOURCE CODE: UR/0032/66/032/001/0018/0018

AUTHOR: Shkrobot, E. P.; Tarayan, M. G.; Elyakhman, A.A.

ORG: State Scientific-Research Institute for Nonferrous Metals (Gosudarstvennyy & naukno-issledovatel'skiy Institut tsvetnykh metallov)

TITLE: Production of analytical concentrate during analysis of high-purity tellurium

SOURCE: Zavodskaya laboratoriya, v. 32, no. 1, 1966, 18

42
36
19 27

TOPIC TAGS: inorganic synthesis, tellurium compound, spectrographic analysis

ABSTRACT: A method of concentrating impurities by extracting them in the form of dithizonate and hydroxyquinolate compounds was used during the analysis of high-purity tellurium. The dithizonates and hydroxyquinolates of all impurities, except gold, were extracted by 95-100% at pH 10. The gold dithizonate was extracted from a 3 N HCl solution. Cyclohexanol was added during the extraction of Al, Cd, Ag, and Co were extracted into concentrate by 50% on the average. This required the use of correction coefficients when determining their amounts. Other elements were extracted almost entirely (>75%). The analysis of tellurium consisted of (1) dissolving the Te sample in a mixture of HCl and HNO₃, (2) extracting gold dithizonate from ~ 2.5 N HCl, (3) extracting other impurities from ammonia solution (pH 10) in the presence of cyclohexanol, and (4) producing a concentrate of impurities by the evaporation of the

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UDC: 543.7

L 03029-67

ACC NR: AP6019016

combined extraction in the presence of Te oxide and charcoal powder, the burning of organic substances, and the roasting of dry residue for 5 mins. at 400-420C. The concentrate was then analyzed spectrally. The sensitivity of determinations was $n \cdot 10^{-5}\%$ for Zn, $n \cdot 10^{-6}\%$ for Cd, Ni, Co, Fe, Au, and $10^{-7}\%$ for Ag, Cu, Ga, In, Al, Pb, Bi. The presence Al, Fe, and Cu in used reagents even after their purification, made it impossible to determine Al and Fe $< n \cdot 10^{-5}$ and Cu $< n \cdot 10^{-7}\%$. K. A. Aldoshina, F. F. Kolmakova, and G. I. Krivousova participated in the work. Spectral analysis was made by A. N. Bogoyavlenskaya, E. F. Pereverzeva, and L. V. Mostryukova.

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SUB CODE: 07/ SUBM DATE: none

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Card 2/2

BLYAKHMAN, B.M.

60/49T71

USSR/Medicine - Vinyl Compounds
Medicine - Wounds and Injuries

Dec 48

"Vinyl Compounds as Media for Treating Wounds,"
B. M. Blyakhman, Clinic of Propaedeutic Surg,
First Moscow Ord of Lenin Med Inst, 1½ pp

"Sov Med" No 12

Vinyl compounds are effective medical media similar to natural balsams, for the treatment of fresh and old wounds. Their ability to mobilize the protective forces of an organism, and to hasten and strengthen reactive and regenerative processes of traumatic tissues and cells must be acknowledged.

60/49T71

BLYAKHMAN, D.S.

KUROV, S.A.; TITKOV, A.I.; VASIL'YEV, A.N.; GLADYSHEV, G.I.; SHAPSHAL, B.G.
BLYAKHMAN, D.S.; BOGACHEVA, N.M.; FOMIN, V.M.

Critical notes on a reference book ("Tractors and Automobiles."
IU.A.Domatovskii, I.I.Trepenev. Reviewed by S.A.Kurov). Avt.
trakt. prom. no.5:32 My '55. (MIRA 8:8)
(Tractors) (Automobiles) (Dolmatovskii, IU.A.) (Trepenev, I.I.)

Blyakhman, D.S.
FISHBEYN, P.A.; BLYAKHMAN, D.S.

The Ural ZIS-355M motortruck. Avt. prom. no.1:3-5 Ja '58.
(MIRA 11:2)

1. Ural'skiy avtozavod.
(Motortrucks--Design and construction)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5

FISHBEYN, F.; BLYAKHMAN, D.S.

The UralZIS-355M motortruck. Avt. transp. 37 no.9:32-33 S '59.
(MIRA 12:12)

(Motortrucks)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205610011-5"